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## ABSTRACT

This document presents enrollment projections for the public colleges and universities in Maryland through the year 2010. These are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. For the first time, projections have been developed for state-eligible FTE noncredit continuing education enrollments at the community colleges. These projections offer a context for higher education policy discussions. Projections suggest that the total headcount enrollment at Maryland public colleges and universities is projected to be 27.2% higher, by nearly 61,000 students, in 2010. This is more than 22,000 students above the forecast made for the 2000-2009 period the year before, and it primarily reflects the anticipated surge in enrollments at the University of Maryland University College resulting from developments in Web-delivered education. There will be a sharp difference between the community colleges and the public four year institutions in the growth rates of full- and part-time undergraduates during the next 10 years, with a much greater increase at the community colleges. (SLD)



MARYLAND HIGHER EDUCATION COMMISSION

ED 453 730

# ENROLLMENT PROJECTIONS

2001 - 2010

## MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

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## ENROLLMENT PROJECTIONS - MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

The Maryland Higher Education Commission has prepared enrollment projections for the public colleges and universities in the state through the year 2010. There are headcount projections for each higher education institution, with breakdowns by full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. For the first time, projections have been developed for state-eligible FTE noncredit continuing education enrollments at the community colleges.

These projections provide perspective to higher education policy discussions at the state level, including facilities planning, tuition and fees issues, articulation, and funding priorities.

The Commission used separate, but similar, methodologies for projecting the credit enrollments at the community colleges and public four-year institutions. A third method was applied to produce the projections of noncredit continuing education enrollments at the community colleges. All three models involve the application of a linear regression analysis. The models, which were developed by the Commission staff, were precise last year in predicting total headcount students (99.1 percent) at the community colleges, but were conservative in forecasting those at the public four-year campuses (97.9 percent). A description of the methodology is appended to this report.

### Assumptions of the Projection Models

- *Credit enrollments* among Maryland residents can be predicted by applying the historical relationship between the state's population and past in-state enrollments to future population projections.

- The ratio of in-state to out-of-state students in Maryland will be relatively constant over time.
- The number of full-time undergraduates at both the community colleges and public four-year campuses will be affected by the trends in high school graduates.
- The number of full-time undergraduates at public four-year campuses will be influenced by the number of full-time students enrolling at the state's community colleges.
- Tuition increases will have an impact on full- and part-time community college enrollments.
- The number of part-time undergraduates at both the community colleges and public four-year campuses will be impacted by changes in the per capita income, in constant dollars, of Maryland residents.
- *Noncredit continuing education enrollments* at community colleges can be forecasted by applying the historical relationship between the adult population 20 years of age or older in the county or service area of each two-year institution and past noncredit enrollments at each campus to future population projections.

Students were distributed among the community colleges chiefly on the basis of the recent market share, growth rate of each institution, and the anticipated change in the college-age population in each campus' county or counties. The predicted number of students for the four-year campuses was determined largely by an examination of institution-provided projections, although the recent market share and growth rate of each campus also were factors.

### Highlights of the Enrollment Projections

- Total headcount enrollment at Maryland public colleges and universities is projected to be 27.2 percent higher, or by nearly 61,000 students, in 2010. This is more than 22,000 students above the forecast for the 2000-2009 period last year and primarily reflects the anticipated surge in enrollments at University of Maryland University College (UMUC) resulting from developments in web-delivered education. Part of UMUC's projected enrollments will be produced by UMUCOnline, its new private enterprise. Since there is no separate registration process for students, no distinction can be made between enrollments at UMUC and those at its for-profit venture. Since the State cannot subsidize the enrollments generated by UMUCOnline, the University System of Maryland (USM) has established a process that will lead to a determination of the percentage of UMUC's enrollment that will be eligible for inclusion in the funding guidelines mechanism. This decision will be made in time to guide FY 2003 budget considerations. Enrollments during the next 10 years are expected to grow by 16 percent at the community colleges and by 36 percent at the public four-year campuses.
- There will be a sharp difference between the community colleges and the public four-year institutions in the growth rates of full- and part-time undergraduates during the next 10 years. At the two-year colleges, full-time students are projected to soar by 31 percent while part-time enrollments are expected to increase by 9 percent. In contrast, at the public four-year campuses, full-time undergraduates are anticipated to rise by 15 percent while part-time undergraduate enrollments experience a 69 percent leap. The expectation that several USM campuses will limit the admission of full-time undergraduates for both selectivity and capacity reasons will result in a greater number of full-time freshmen being channeled to the two-year institutions. As a consequence, the forecasted distribution of full-time undergraduates assigns greater numbers to the community colleges and fewer to the campuses of USM than would have been expected by demographic patterns alone.

- Full-time graduate and professional enrollment is projected to increase by 23 percent by 2010, and part-time students will rise by 82 percent.
- FTE and FTDE enrollments at the community colleges are expected to increase by 19 and 20 percent respectively. FTE and FTDE figures are projected to grow by 26 percent and 10 percent respectively at the public four-year institutions; the difference between the two statistics is due to substantial growth in FTES at UMUC and the absence of any FTDE numbers for this institution.
- Of the anticipated additional students at Maryland public campuses by 2010, 72 percent will be undergraduates, but just one-third will be full-time undergraduates. This is the lowest proportion since the Commission began doing enrollment projections. It is the result of the expected extraordinary increase of part-time undergraduates and graduate and professional students at UMUC because of on-line enrollments.
- State-funded FTE continuing education enrollments at the community colleges are projected to increase by 21 percent to 23,325 during the 10-year period.

## Projections of Headcount Enrollment at Maryland Community Colleges

Allegany College of MD		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
Full-time		1,459	1,529	1,574	1,579	1,616	1,663	1,702	1,733	1,772	1,829	1,893	30%
Part-time		1,133	1,146	1,150	1,129	1,133	1,139	1,151	1,163	1,179	1,191	1,204	6%
Total Headcount		2,592	2,675	2,724	2,708	2,749	2,802	2,853	2,896	2,951	3,020	3,097	19%

Anne Arundel CC													
Full-time		3,792	3,934	4,058	4,177	4,282	4,411	4,521	4,609	4,713	4,870	5,001	32%
Part-time		7,969	7,907	7,961	8,043	8,098	8,167	8,281	8,396	8,486	8,600	8,746	10%
Total Headcount		11,761	11,841	12,019	12,220	12,380	12,578	12,802	13,005	13,199	13,470	13,747	17%

Baltimore City CC													
Full-time		1,884	1,950	2,001	2,055	2,096	2,148	2,190	2,221	2,266	2,330	2,366	26%
Part-time		3,999	3,991	4,022	4,061	4,091	4,129	4,190	4,251	4,303	4,364	4,417	10%
Total Headcount		5,883	5,941	6,023	6,116	6,187	6,277	6,380	6,472	6,569	6,694	6,783	15%

Carroll CC													
Full-time		1,049	1,108	1,146	1,182	1,215	1,255	1,290	1,319	1,339	1,389	1,433	37%
Part-time		1,439	1,428	1,432	1,445	1,450	1,456	1,471	1,486	1,511	1,526	1,520	6%
Total Headcount		2,488	2,536	2,578	2,627	2,665	2,711	2,761	2,805	2,850	2,915	2,953	19%

CC Baltimore County													
Full-time		6,084	6,275	6,448	6,680	6,820	6,997	7,144	7,254	7,434	7,651	7,739	27%
Part-time		12,084	11,921	11,992	12,069	12,141	12,233	12,394	12,555	12,789	12,951	13,164	9%
Total Headcount		18,168	18,196	18,440	18,749	18,961	19,230	19,538	19,809	20,223	20,602	20,903	15%

Cecil CC													
Full-time		496	517	534	548	563	581	596	609	627	648	665	34%
Part-time		797	795	797	797	799	803	811	819	827	835	840	5%
Total Headcount		1,293	1,312	1,331	1,345	1,362	1,384	1,407	1,428	1,454	1,483	1,505	16%

Chesapeake College													
Full-time		613	646	667	680	697	719	738	754	765	791	819	34%
Part-time		1,573	1,562	1,568	1,569	1,575	1,584	1,601	1,619	1,641	1,658	1,676	7%
Total Headcount		2,186	2,208	2,235	2,249	2,272	2,303	2,339	2,373	2,406	2,449	2,495	14%



# Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
<b>Frederick CC</b>												
Full-time	1,428	1,511	1,559	1,588	1,628	1,677	1,719	1,752	1,816	1,875	1,890	32%
Part-time	2,915	2,963	2,978	2,961	2,977	2,998	3,036	3,074	3,113	3,150	3,155	8%
Total Headcount	4,343	4,474	4,537	4,549	4,605	4,675	4,755	4,826	4,929	5,025	5,045	16%
<b>Garrett CC</b>												
Full-time	355	371	383	381	391	403	413	421	439	453	469	32%
Part-time	330	327	329	328	330	331	335	338	342	345	350	6%
Total Headcount	685	698	712	709	721	734	748	759	781	798	819	20%
<b>Hagerstown CC</b>												
Full-time	976	1,011	1,041	1,066	1,092	1,123	1,150	1,171	1,203	1,241	1,272	30%
Part-time	1,540	1,525	1,529	1,534	1,539	1,545	1,561	1,576	1,596	1,612	1,625	6%
Total Headcount	2,516	2,536	2,570	2,600	2,631	2,668	2,711	2,747	2,799	2,853	2,897	15%
<b>Harford CC</b>												
Full-time	1,547	1,622	1,674	1,730	1,773	1,828	1,874	1,911	1,958	2,025	2,061	33%
Part-time	3,274	3,270	3,290	3,294	3,314	3,339	3,383	3,427	3,464	3,507	3,563	9%
Total Headcount	4,821	4,892	4,964	5,024	5,087	5,167	5,257	5,338	5,422	5,532	5,624	17%
<b>Howard CC</b>												
Full-time	1,815	1,936	2,002	2,064	2,119	2,188	2,247	2,296	2,372	2,456	2,475	36%
Part-time	3,637	3,688	3,712	3,720	3,744	3,775	3,827	3,879	3,880	3,932	3,985	10%
Total Headcount	5,452	5,624	5,714	5,784	5,863	5,963	6,074	6,175	6,252	6,388	6,460	18%
<b>Montgomery College</b>												
Full-time	7,233	7,543	7,773	8,108	8,294	8,527	8,724	8,878	9,010	9,300	9,466	31%
Part-time	13,690	13,715	13,782	13,910	13,982	14,083	14,271	14,465	14,650	14,854	15,082	10%
Total Headcount	20,923	21,258	21,555	22,018	22,276	22,610	22,995	23,343	23,660	24,154	24,548	17%
<b>Prince George's CC</b>												
Full-time	2,833	2,918	2,992	3,058	3,117	3,193	3,258	3,303	3,417	3,509	3,534	25%
Part-time	8,730	8,679	8,741	8,795	8,854	8,929	9,055	9,181	9,317	9,444	9,592	10%
Total Headcount	11,563	11,597	11,733	11,853	11,971	12,122	12,313	12,484	12,734	12,953	13,126	14%

# Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
<b>College of Southern Maryland</b>												
Full-time	1,963	2,088	2,159	2,191	2,252	2,327	2,392	2,446	2,506	2,598	2,672	36%
Part-time	4,395	4,453	4,486	4,506	4,539	4,580	4,646	4,714	4,778	4,845	4,852	10%
Total Headcount	6,358	6,541	6,645	6,697	6,791	6,907	7,038	7,160	7,284	7,443	7,524	18%
<b>Wor-Wic CC</b>												
Full-time	593	626	648	660	679	703	724	741	764	792	815	37%
Part-time	1,736	1,720	1,733	1,758	1,771	1,787	1,814	1,840	1,868	1,894	1,910	10%
Total Headcount	2,329	2,346	2,381	2,418	2,450	2,490	2,538	2,581	2,632	2,686	2,725	17%
<b>Total Community Colleges</b>												
Full-time	34,120	35,585	36,659	37,747	38,634	39,743	40,682	41,418	42,401	43,757	44,570	31%
Part-time	69,241	69,090	69,502	69,919	70,337	70,878	71,827	72,783	73,744	74,708	75,681	9%
Total Headcount	103,361	104,675	106,161	107,666	108,971	110,621	112,509	114,201	116,145	118,465	120,251	16%

**Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment  
at Maryland Community Colleges**

	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 01-10-
<b>Allegany College of MD</b>											
FTES	1,815	1,859	1,858	1,894	1,941	1,981	2,015	2,057	2,115	2,180	20%
FTDES	1,330									1,598	20%
<b>Anne Arundel CC</b>											
FTES	6,701	6,846	6,995	7,121	7,276	7,427	7,556	7,693	7,891	8,075	21%
FTDES	4,269									5,144	20%
<b>Baltimore City CC</b>											
FTES	3,576	3,642	3,715	3,771	3,842	3,909	3,965	4,033	4,125	4,184	17%
FTDES	2,289									2,678	17%
<b>Carroll CC</b>											
FTES	1,536	1,575	1,614	1,647	1,688	1,727	1,760	1,787	1,841	1,881	22%
FTDES	1,137									1,392	22%
<b>CC Baltimore County</b>											
FTES	10,074	10,268	10,521	10,682	10,886	11,084	11,245	11,498	11,765	11,921	18%
FTDES	6,447									7,629	18%
<b>Catonsville</b>											
FTDES	3,062									3,692	21%
<b>Dundalk</b>											
FTDES	812									931	15%
<b>Essex</b>											
FTDES	2,572									3,006	17%
<b>Cecil CC</b>											
FTES	798	816	830	846	866	884	900	921	945	964	21%
FTDES	524									633	21%
<b>Chesapeake College</b>											
FTES	1,152	1,175	1,187	1,206	1,231	1,255	1,277	1,295	1,327	1,360	18%
FTDES	587									693	18%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment  
at Maryland Community Colleges

	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 01-10
<b>Frederick CC</b>											
FTES	2,556	2,610	2,634	2,681	2,738	2,794	2,841	2,919	2,837	3,009	18%
FTDES	1,526									1,796	18%
<b>Garrett CC</b>											
FTES	477	489	487	497	510	521	530	549	564	582	22%
FTDES	401									489	22%
<b>Hagerstown CC</b>											
FTES	1,500	1,531	1,557	1,584	1,617	1,649	1,674	1,712	1,725	1,790	19%
FTDES	1,025									1,223	19%
<b>Harford CC</b>											
FTES	2,631	2,688	2,743	2,791	2,853	2,912	2,962	3,019	3,098	3,151	20%
FTDES	1,729									2,070	20%
<b>Howard CC</b>											
FTES	3,197	3,272	3,337	3,401	3,481	3,558	3,625	3,702	3,804	3,841	20%
FTDES	1,941									2,331	20%
<b>Montgomery College</b>											
FTES	12,999	13,270	13,675	13,900	14,186	14,465	14,700	14,908	15,292	15,551	20%
FTDES	8,670									10,373	20%
<b>Rockville</b>											
FTDES	5,202									5,861	13%
<b>Takoma Park</b>											
FTDES	1,933									2,606	35%
<b>Germanatown</b>											
FTDES	1,535									1,906	24%
<b>Prince George's CC</b>											
FTES	6,142	6,242	6,331	6,414	6,521	6,634	6,726	6,894	7,036	7,115	16%
FTDES	4,072									4,717	16%

# Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 01 FY 02	FALL 02 FY 03	FALL 03 FY 04	FALL 04 FY 05	FALL 05 FY 06	FALL 06 FY 07	FALL 07 FY 08	FALL 08 FY 09	FALL 09 FY 10	FALL 10 FY 11	% Change 01-10
	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
<b>College of Southern Maryland</b>											
FTES	3,608	3,691	3,730	3,803	3,892	3,980	4,058	4,140	4,255	4,332	20%
FTDES	1,974									2,370	20%
<b>La Plata</b>											
FTDES	1,421									1,706	20%
<b>Leonardtown</b>											
FTDES	296									356	20%
<b>Prince Frederick</b>											
FTDES	257									308	20%
<b>Wor-Wic CC</b>											
FTES	1,299	1,327	1,349	1,375	1,406	1,439	1,467	1,502	1,541	1,572	21%
FTDES	853									1,033	21%
<b>Total Community Colleges</b>											
FTES	60,061	61,301	62,563	63,613	64,934	66,219	67,301	68,629	70,161	71,508	19%
FTDES	45,627									54,618	20%

# PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS MARYLAND AND COMMUNITY COLLEGES FISCAL YEARS 2001 - 2010

College	ACTUAL PROJECTED											Percent Change FY00 - FY10
	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	
Allegany	389	390	391	392	393	394	395	396	397	398	399	3%
Anne Arundel	3,211	3,392	3,507	3,623	3,738	3,853	3,937	4,021	4,105	4,188	4,272	33%
Baltimore City	1,559	1,559	1,559	1,559	1,562	1,565	1,568	1,571	1,574	1,577	1,580	1%
Baltimore County	5,183	5,198	5,227	5,257	5,287	5,317	5,365	5,413	5,462	5,509	5,557	7%
Carroll	403	397	406	415	424	433	446	458	471	483	496	23%
Cecil	389	394	399	404	409	414	419	424	429	434	439	13%
Chesapeake	617	690	712	733	769	813	859	908	960	1,015	1,073	74%
Frederick	293	293	324	329	339	352	370	387	405	422	440	50%
Garrett	146	148	150	152	154	156	157	158	159	160	161	10%
Hagerstown	533	541	549	557	565	573	583	593	603	613	623	17%
Harford	1,018	1,034	1,050	1,066	1,082	1,098	1,116	1,134	1,152	1,170	1,188	17%
Howard	994	996	998	1,000	1,002	1,003	1,007	1,011	1,016	1,020	1,024	3%
Montgomery	998	1,045	1,130	1,215	1,303	1,392	1,484	1,579	1,677	1,778	1,882	89%
Prince George's	2,500	2,526	2,552	2,578	2,604	2,630	2,657	2,684	2,711	2,738	2,765	11%
Southern Maryland	489	501	513	525	537	549	562	575	588	601	614	26%
Wor-Wic	603	620	637	655	673	713	733	753	773	792	812	35%
SYSTEMWIDE	19,325	19,724	20,104	20,460	20,841	21,255	21,658	22,065	22,482	22,898	23,325	21%

# Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

	FALL 00	FALL 01	FALL 02	FALL 03	FALL 04	FALL 05	FALL 06	FALL 07	FALL 08	FALL 09	FALL 10	% Change
	FY 01 Actual	FY 02 Projected	FY 03 Projected	FY 04 Projected	FY 05 Projected	FY 06 Projected	FY 07 Projected	FY 08 Projected	FY 09 Projected	FY 10 Projected	FY 11 Projected	00-10
<b>Bowie</b>												
Undergraduate												
Full-time	2,225	2,225	2,290	2,323	2,357	2,392	2,426	2,462	2,497	2,534	2,581	16%
Part-time	884	897	910	923	937	950	964	978	992	1,007	1,025	16%
Total Undergraduate	3,109	3,122	3,200	3,246	3,294	3,342	3,390	3,440	3,489	3,541	3,606	16%
Graduate												
Full-time	260	264	268	272	275	279	284	288	292	296	302	16%
Part-time	1,331	1,350	1,370	1,390	1,410	1,431	1,451	1,473	1,494	1,516	1,544	16%
Total Graduate	1,591	1,614	1,638	1,662	1,685	1,710	1,735	1,761	1,786	1,812	1,846	16%
Total Headcount	4,700	4,736	4,838	4,908	4,979	5,052	5,125	5,201	5,275	5,353	5,452	16%
<b>Coppin</b>												
Undergraduate												
Full-time	2,161	2,210	2,313	2,336	2,360	2,384	2,479	2,514	2,580	2,632	2,739	27%
Part-time	931	1,000	1,010	1,020	1,030	1,069	1,043	1,078	1,106	1,128	1,120	20%
Total Undergraduate	3,092	3,210	3,323	3,356	3,390	3,453	3,522	3,592	3,686	3,760	3,859	25%
Graduate												
Full-time	29	28	30	32	37	43	44	46	48	48	49	69%
Part-time	769	669	714	760	804	820	836	852	846	863	857	11%
Total Graduate	798	697	744	792	841	863	880	898	894	911	906	14%
Total Headcount	3,890	3,907	4,067	4,148	4,231	4,316	4,402	4,490	4,580	4,671	4,765	22%
<b>Frostburg</b>												
Undergraduate												
Full-time	4,075	4,131	4,173	4,214	4,256	4,299	4,342	4,385	4,429	4,473	4,518	11%
Part-time	355	360	362	366	369	373	377	381	384	388	392	10%
Total Undergraduate	4,430	4,491	4,535	4,580	4,625	4,672	4,719	4,766	4,813	4,861	4,910	11%
Graduate												
Full-time	191	189	195	197	199	201	203	205	207	209	211	10%
Part-time	727	721	728	735	742	749	756	764	772	780	788	8%
Total Graduate	918	910	923	932	941	950	959	969	979	989	999	9%
Total Headcount	5,348	5,401	5,458	5,512	5,566	5,622	5,678	5,735	5,792	5,850	5,909	10%

# Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

Salisbury		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
Undergraduate													
Total Undergraduate	Full-time	5,040	5,142	5,359	5,459	5,560	5,662	5,723	5,784	5,843	5,899	5,958	18%
	Part-time	843	860	896	913	930	947	957	967	977	987	997	18%
Graduate													
Total Undergraduate	Full-time	5,883	6,002	6,255	6,372	6,490	6,609	6,680	6,751	6,820	6,886	6,955	18%
	Part-time												18%
Total Graduate													
Total Headcount													
Total Graduate													
Total Headcount													
Towson													
Undergraduate													
Total Undergraduate	Full-time	11,591	11,640	11,826	11,884	11,944	11,994	12,019	12,068	12,118	12,118	12,121	5%
	Part-time	2,314	2,221	2,155	2,159	2,163	2,211	2,260	2,309	2,360	2,412	2,465	7%
Graduate													
Total Undergraduate	Full-time	13,905	13,861	13,981	14,043	14,107	14,205	14,279	14,377	14,478	14,530	14,586	5%
	Part-time												
Total Graduate													
Total Headcount													
University of Baltimore													
Undergraduate													
Total Undergraduate	Full-time	901	930	944	966	989	987	1,009	1,006	1,024	1,037	1,049	16%
	Part-time	1,115	1,100	1,108	1,135	1,161	1,159	1,185	1,181	1,204	1,219	1,231	10%
Graduate													
Total Undergraduate	Full-time	2,016	2,030	2,052	2,101	2,150	2,146	2,194	2,187	2,228	2,256	2,280	13%
	Part-time												
Total Graduate													
Total Headcount													
University of Baltimore													
Undergraduate													
Total Undergraduate	Full-time	1,427	1,460	1,569	1,596	1,634	1,700	1,737	1,805	1,838	1,861	1,881	32%
	Part-time	1,231	1,247	1,267	1,307	1,336	1,390	1,421	1,476	1,504	1,523	1,539	25%
Total Graduate													
Total Undergraduate	Full-time	2,658	2,707	2,836	2,903	2,970	3,090	3,158	3,281	3,342	3,384	3,420	29%
	Part-time												
Total Graduate													
Total Headcount													



# Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

UMB		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
	Undergraduate												
	Full-time	454	446	491	502	511	526	528	542	548	551	553	22%
	Part-time	296	313	315	317	318	319	320	321	322	323	324	9%
	Total Undergraduate	750	759	806	819	829	845	848	863	870	874	877	17%
	Graduate												
	Full-time	3,413	3,482	3,535	3,635	3,650	3,636	3,654	3,678	3,694	3,733	3,765	10%
	Part-time	1,174	1,183	1,235	1,297	1,336	1,370	1,412	1,438	1,462	1,476	1,481	26%
	Total Graduate	4,587	4,665	4,770	4,932	4,986	5,006	5,066	5,116	5,156	5,209	5,246	14%
	Total Headcount	5,337	5,424	5,576	5,751	5,815	5,851	5,914	5,979	6,026	6,083	6,123	15%

UMBC		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
	Undergraduate												
	Full-time	7,267	7,418	7,599	7,700	7,747	7,790	7,814	7,821	7,821	7,822	7,822	8%
	Part-time	1,834	1,872	1,918	1,943	1,955	1,966	1,972	1,974	1,974	1,974	1,974	8%
	Total Undergraduate	9,101	9,290	9,517	9,643	9,702	9,756	9,786	9,795	9,795	9,796	9,796	8%
	Graduate												
	Full-time	765	773	780	788	796	804	812	820	828	837	845	10%
	Part-time	893	1,030	1,187	1,312	1,376	1,399	1,408	1,404	1,396	1,388	1,379	54%
	Total Graduate	1,658	1,803	1,967	2,100	2,172	2,203	2,220	2,224	2,224	2,225	2,224	34%
	Total Headcount	10,759	11,093	11,484	11,743	11,874	11,959	12,006	12,019	12,019	12,021	12,020	12%

UMCP		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
	Undergraduate												
	Full-time	21,951	22,187	22,277	22,470	22,664	22,733	22,801	22,864	22,928	22,992	23,059	5%
	Part-time	2,687	2,613	2,524	2,450	2,377	2,307	2,239	2,176	2,112	2,048	1,981	-26%
	Total Undergraduate	24,638	24,800	24,800	24,920	25,040	25,040	25,040	25,040	25,040	25,040	25,040	2%
	Graduate												
	Full-time	4,966	5,228	5,286	5,344	5,402	5,460	5,460	5,460	5,460	5,460	5,460	10%
	Part-time	3,585	3,492	3,534	3,576	3,618	3,780	3,780	3,780	3,780	3,780	3,780	5%
	Total Graduate	8,551	8,720	8,820	8,920	9,020	9,240	9,240	9,240	9,240	9,240	9,240	8%
	Total Headcount	33,189	33,520	33,620	33,840	34,060	34,280	34,280	34,280	34,280	34,280	34,280	3%

## Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 00 FY 01 Actual	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 00-10
<b>UMES</b>													
Undergraduate													
	Full-time	2,565	2,624	2,677	2,725	2,773	2,821	2,869	2,917	2,965	3,013	3,061	19%
	Part-time	404	411	421	430	439	448	457	467	476	485	494	22%
Total Undergraduate		2,969	3,035	3,098	3,155	3,212	3,269	3,326	3,384	3,441	3,498	3,555	20%
Graduate													
	Full-time	146	157	166	173	179	186	193	200	206	213	220	51%
	Part-time	182	180	184	187	189	190	193	195	198	201	203	12%
Total Graduate		328	337	350	360	368	376	386	395	404	414	423	29%
Total Headcount		3,297	3,372	3,448	3,515	3,580	3,645	3,712	3,779	3,845	3,912	3,978	21%
<b>UMUC</b>													
Undergraduate													
	Full-time	1,770	1,918	2,300	2,530	2,783	3,062	3,368	3,705	4,075	4,483	4,931	179%
	Part-time	11,456	12,593	14,266	15,935	17,604	19,273	20,942	22,611	24,280	25,949	27,618	141%
Total Undergraduate		13,226	14,511	16,566	18,465	20,387	22,335	24,310	26,316	28,355	30,432	32,549	146%
Graduate													
	Full-time	336	376	476	542	613	695	778	872	976	1,094	1,225	265%
	Part-time	4,714	5,364	6,591	7,822	9,053	10,284	11,515	12,746	13,977	15,208	16,439	249%
Total Graduate		5,050	5,740	7,067	8,364	9,666	10,979	12,293	13,618	14,953	16,302	17,664	250%
Total Headcount		18,276	20,251	23,633	26,830	30,053	33,314	36,603	39,933	43,309	46,733	50,213	175%
<b>TOTAL SYSTEM OF MD</b>													
Undergraduate													
	Full-time	60,000	60,871	62,249	63,109	63,944	64,650	65,378	66,068	66,828	67,553	68,392	14%
	Part-time	23,119	24,240	25,885	27,591	29,283	31,022	32,716	34,443	36,187	37,920	39,621	71%
Total Undergraduate		83,119	85,111	88,133	90,700	93,226	95,672	98,094	100,511	103,015	105,474	108,013	30%
Graduate													
	Full-time	12,308	12,776	13,157	13,453	13,680	13,917	14,104	14,339	14,543	14,775	15,017	22%
	Part-time	17,193	17,865	19,701	21,574	23,106	24,681	26,026	27,315	28,611	29,949	31,263	82%
Total Graduate		29,501	30,641	32,858	35,027	36,786	38,598	40,130	41,654	43,154	44,724	46,280	57%
Total Headcount		112,620	115,752	120,991	125,728	130,012	134,269	138,224	142,164	146,169	150,198	154,292	37%

# Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 00	FALL 01	FALL 02	FALL 03	FALL 04	FALL 05	FALL 06	FALL 07	FALL 08	FALL 09	FALL 10	% Change
		FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07	FY 08	FY 09	FY 10	FY 11	00-10
		Actual	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
<b>Morgan State</b>													
Undergraduate													
	Full-time	4,827	4,932	5,242	5,454	5,536	5,766	5,843	5,990	6,036	6,143	6,132	27%
	Part-time	858	874	949	948	948	947	957	967	984	976	992	16%
Total Undergraduate		5,685	5,806	6,191	6,402	6,484	6,713	6,800	6,957	7,020	7,119	7,124	25%
Graduate													
	Full-time	282	280	304	324	344	362	380	397	424	418	445	58%
	Part-time	302	346	376	409	442	475	508	541	607	574	640	112%
Total Graduate		584	626	680	733	786	837	888	938	1,031	992	1,085	86%
Total Headcount		6,269	6,432	6,871	7,135	7,270	7,550	7,688	7,895	8,051	8,111	8,209	31%

<b>St. Mary's College</b>													
Undergraduate													
	Full-time	1,397	1,469	1,537	1,641	1,641	1,641	1,641	1,641	1,641	1,641	1,641	17%
	Part-time	150	152	195	209	209	209	209	209	209	209	209	39%
Total Undergraduate		1,547	1,621	1,732	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	20%
Graduate													
	Full-time	0	0	0	0	0	0	0	0	0	0	0	0%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		0	0	0	0	0	0	0	0	0	0	0	0%
Total Headcount		1,547	1,621	1,732	1,850	1,850	1,850	1,850	1,850	1,850	1,850	1,850	20%

<b>TOTAL 4-YEAR PUBLIC</b>													
Undergraduate													
	Full-time	66,224	67,272	69,028	70,204	71,121	72,057	72,862	73,699	74,505	75,337	76,165	15%
	Part-time	24,127	25,266	27,029	28,748	30,440	32,178	33,882	35,619	37,380	39,105	40,822	69%
Total Undergraduate		90,351	92,538	96,056	98,952	101,560	104,235	106,744	109,318	111,885	114,443	116,987	29%
Graduate													
	Full-time	12,590	13,056	13,461	13,777	14,024	14,279	14,484	14,736	14,967	15,193	15,462	23%
	Part-time	17,495	18,211	20,077	21,983	23,548	25,156	26,534	27,856	29,218	30,523	31,903	82%
Total Graduate		30,085	31,267	33,538	35,760	37,572	39,435	41,018	42,592	44,185	45,716	47,365	57%
Total Headcount		120,436	123,805	129,594	134,713	139,132	143,669	147,762	151,909	156,070	160,159	164,351	36%

# Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions

	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 01-10
<b>Bowie</b>											
FTES	3,228	3,308	3,356	3,404	3,454	3,504	3,556	3,607	3,660	3,728	15%
FTDES	1,830									2,114	16%

<b>Coppin</b>											
FTES	2,794	2,918	2,961	3,008	3,057	3,149	3,203	3,279	3,344	3,447	23%
FTDES	1,936									2,389	23%

<b>Frostburg</b>											
FTES	4,339	4,386	4,429	4,473	4,518	4,563	4,609	4,655	4,701	4,748	9%
FTDES	3,788									4,145	9%

<b>Salisbury</b>											
FTES	5,555	5,790	5,898	6,007	6,117	6,183	6,249	6,312	6,374	6,437	16%
FTDES	4,483									5,195	16%

<b>Towson</b>											
FTES	13,031	13,288	13,454	13,544	13,627	13,682	13,745	13,831	13,883	13,945	7%
FTDES	10,855									11,616	7%

<b>University of Baltimore</b>											
FTES	3,214	3,348	3,420	3,500	3,583	3,662	3,745	3,814	3,862	3,903	21%
FTDES	1,822									2,213	21%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at  
Maryland Public Four-Year Institutions

	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 01-10
<b>UMB</b>											
FTEs	5,077	5,210	5,362	5,405	5,420	5,459	5,513	5,548	5,602	5,643	11%
FTDES	3,961									4,370	10%
<b>UMBC</b>											
FTEs	8,700	8,943	9,094	9,171	9,230	9,265	9,279	9,284	9,291	9,295	7%
FTDES	7,308									7,808	7%
<b>UMCP</b>											
FTEs	27,006	27,126	27,347	27,568	27,714	27,755	27,794	27,833	27,872	27,913	3%
FTDES	25,656									26,517	3%
<b>UMES</b>											
FTEs	3,097	3,166	3,228	3,288	3,348	3,410	3,471	3,531	3,593	3,654	18%
FTDES	2,797									3,300	18%
<b>UMUC</b>											
FTEs	10,408	12,229	13,817	15,438	17,107	18,811	20,567	22,379	24,254	26,198	152%
FTDES	n/a									n/a	n/a
<b>TOTAL SYSTEM OF MD.</b>											
FTEs	86,449	89,712	92,366	94,806	97,175	99,443	101,731	104,073	106,436	108,911	26%
FTDES (except UMUC)	64,436									69,667	8%

Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at  
Maryland Public Four-Year Institutions

	FALL 01 FY 02 Projected	FALL 02 FY 03 Projected	FALL 03 FY 04 Projected	FALL 04 FY 05 Projected	FALL 05 FY 06 Projected	FALL 06 FY 07 Projected	FALL 07 FY 08 Projected	FALL 08 FY 09 Projected	FALL 09 FY 10 Projected	FALL 10 FY 11 Projected	% Change 01-10
<b>Morgan State</b>											
FTES	5,619	5,988	6,230	6,343	6,602	6,711	6,890	6,990	7,078	7,121	27%
FTDES	4,962									6,288	27%
<b>St. Mary's College</b>											
FTES	1,621	1,714	1,830	1,830	1,830	1,830	1,830	1,830	1,830	1,830	13%
FTDES	1,448									1,634	13%
<b>TOTAL 4-YEAR PUBLIC</b>											
FTES	93,689	97,414	100,426	102,979	105,607	107,984	110,451	112,893	115,344	117,862	26%
FTDES (except UMUC)	70,846									77,589	10%

## MARYLAND HIGHER EDUCATION COMMISSION

### *Enrollment Projection Model - Community Colleges*

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public community colleges.

#### ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. Tuition increases will have an impact on full- and part-time community college enrollments.
4. The number of full-time students will be affected by trends in high school graduates.
5. The number of part-time students will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

#### STEPS

1. Total enrollment at Maryland's community colleges during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2010 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change over five years in the resident tuition and fees at Maryland community colleges, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of full-time students.
7. The annual percentage change over five years in the credit hour tuition and fees of residents in community college service areas, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of part-time students.
8. The annual projected change in the number of Maryland high school graduates through spring 2010 was integrated into the regression model as an independent variable for predicting the number of full-time students. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
9. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time students. The income information was obtained from the Bureau of Economic Analysis.
10. The projected number of full-time equivalent students (FTES) at each community college was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each college for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2010 (FY 2011).
11. The projected number of full-time day equivalent students (FTDES) at each community college was calculated by multiplying the FTES enrollments for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2010.



MARYLAND HIGHER EDUCATION COMMISSION  
*Enrollment Projection Model - Four Year Colleges and Universities*

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public four-year colleges and universities.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. The number of full-time undergraduates will be affected by trends in high school graduates and the number of full-time students enrolling at the state's community colleges.
4. The number of part-time undergraduates will be impacted by changes in the per capita income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's public four-year campuses during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time, undergraduate and graduate/professional). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2010 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change in the number of Maryland full-time community college students over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates.
7. The annual projected change in the number of Maryland high school graduates through spring 2010 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
8. The annual percentage change in the per capita income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time undergraduates. The income information was obtained from the Bureau of Economic Analysis.
9. The projected number of full-time equivalent students (FTES) at each public four-year institution was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each campus for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2010 (FY 2011).
10. The projected number of full-time day equivalent students (FTDES) at each public four-year institution was calculated by multiplying the FTES enrollment for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2010. A figure equaling 50 percent of the projected headcount enrollment at the University of Maryland School of Medicine was added to the FTDES of University of Maryland, Baltimore (UMB) in each year. The standard formula understates the FTDES at UMB since The School of Medicine does not operate on a credit hour basis.

MARYLAND HIGHER EDUCATION COMMISSION  
*Noncredit Continuing Education Enrollment Projection Model – Community Colleges*

These are the assumptions and steps used in projecting the state-eligible full-time equivalent (FTE) noncredit continuing education enrollments at Maryland community colleges.

ASSUMPTIONS

1. The adult population 20 years of age or older in a community college's county or service area is a key predictor of noncredit continuing education enrollments.
2. Continuing education enrollments can be forecast by matching the historical relationship between state-funded FTE enrollments at each college and the adult population in the above age group in each college's respective county or service area to the population projections in each location.

STEPS

1. Total FTE noncredit continuing education enrollments at Maryland community colleges that are eligible for state funding were assembled for the past five years.
2. The number of residents 20 years of age or older in each Maryland county for the past five years was collected. This information was obtained from the Maryland Office of Planning.
3. A least-squares fit regression analysis was used to examine the relationship between the noncredit enrollment (dependent variable) and the population (independent variable). A separate regression analysis was performed for each college, using its own enrollment figures and the population in its county or service area.

4. Each of the 16 statistical relationships was then applied to the population projections for the appropriate county or service area through FY 2010 to determine the projected noncredit FTE continuing education enrollments for the individual community colleges. The projected population figures were obtained from the Maryland Office of Planning.



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